

Form PTO 948 (Rev. 0101) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09/501,602NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 02/10/02

A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☐ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Draftsperson will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings. Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) _____ Pencil and non-bleed ink not permitted. Fig(s) _____ 2. PHOTOGRAPHY. 37 CFR 1.84(b) 1 full-frame size is required. Fig(s) _____ Manuscripts may not be accepted. 37 CFR 1.84(c) Poor quality (surface). Fig(s) _____ 3. TYPE OF PAPER. 37 CFR 1.84(d) Paper not flexible, strong, white, and durable. Fig(s) _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ Mylar, vellum paper is not acceptable (see 1.102). Fig(s) _____ 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) _____ Drawings must show an acceptable size. Fig(s) _____ 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____ 6. VIEWS. 37 CFR 1.84(h) REMINDER: Speculation may require revision or consequent drawing changes. Partial views. 37 CFR 1.84(h)(2) Blacked out to show figure as one entity. Fig(s) _____ Views not labeled separately or properly. Fig(s) _____ Enlarged view not labeled separately or properly. Fig(s) _____ 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Section not indicated for sectional position of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numerals. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Views do not appear on a horizontal left to right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ 9. SCALE. 37 CFR 1.84(j) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____ 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(k) Lines, numbers & letters not uniformly thick and well defined, clear, durable, and black (good line quality). Fig(s) _____ 11. SHADING. 37 CFR 1.84(m) Solid black areas not permitted. Fig(s) _____ Solid black shading not permitted. Fig(s) _____ Shading lines, pale, rough and mottled. Fig(s) _____ 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(n) Numbers and reference characters not plain and legible. Fig(s) _____ Figures represent the part. Fig(s) _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____ 13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s) _____ Lead lines missing. Fig(s) _____ 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____ 15. NUMBERING OF VIEWS. 37 CFR 1.84(s) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____ 16. CORRECTIONS. 37 CFR 1.84(t) Corrections not made from prior PTO 948 dated _____ 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) _____ Solid black shading not used for surface shading. Fig(s) _____</p>
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COMMENTS

REVIEWER Draftsman: Son Lam DATE 10/30/01 TELEPHONE NO. _____
 (703)308-0366

ATTACHMENT TO PAPER NO. 7

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A; Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES**1. Correction of Drawings - 37 CFR 1.85**

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in **ABANDONMENT** of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

Best Available Copy

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a)

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.